

## European Study on OR/MS Education: Brief Results and Preliminary Trends



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In the light of recent improvements in OR/MS Education, a survey was conducted amongst European universities and other higher education institutions (see <https://ec.europa.eu/eusurvey/runner/ORMSEducation>), from June to October 2015. The survey and related activities constituted the first phase of the “European Study on OR/MS Education”, being the study’s purpose to gain detailed insight into the current state of OR/MS Education in Europe.

Some results and preliminary trends are to be presented in OR/MS conferences, namely EURO 2016 (a summary(1) of the panel discussion is made available in the EU-Survey’s section for “Background Documents”) and KOI 2016. In sharing this way the relevant elements from the survey, a more general and broader discussion can be initiated both on future developments and on OR/MS Education enhancements.

(1) <https://ec.europa.eu/eusurvey/files/c45158f9-3b6b-4dda-836c-4e20537d5fe5>

## Participation on a Conference



Amélia Dionísio will participate in the III JORNADAS DE ESTUDO PATRIMÓNIO(S) ONTEM E HOJE (I). INTERVIR. CRIAR. PRESERVAR, organized by FCSH/IEM, from 29-30 October 2016 in Convento dos Capuchos, Caparica, Portugal as invited speaker.

## Chairman of the Board on National Scientific Representatives of the ESFRI



João Fonseca, a CERENA researcher, was elected chairman of the Board on National Scientific Representatives of the ESFRI research infrastructure EPOS – European Plate Observing System.

EPOS (<https://www.epos-ip.org/>) is the European research infrastructure for Solid Earth Sciences, covering the fields of geohazards, georesources and environment. Portugal participates in EPOS through C4G – Collaboratory for Geosciences (<http://segal.ubi.pt/C4G/>), a research infrastructure of the FCT Roadmap RNIE.

## UPCOMING EVENTS



## New Academic Agreement between RFD and CERENA



Rock Flow Dynamics (RFD; <http://rfdyn.com/>) donated 60 licenses of their tNavigator reservoir simulator under a new Academic Agreement signed between CERENA and RFD.

These licenses will be used for teaching (under both the MSc and PhD in Petroleum Engineering) and research on the development of new methods for reservoir modeling and characterization. tNavigator is a leading edge solution for fluid flow simulation, fully-parallelized and memory-based subsurface technology to take the technical expert from static model building to dynamic simulation and into probabilistic forecasting & uncertainty quantification inside one seamless, fully integrated and intelligent software package.

## Gulbenkian's Grant to Amélia Dionísio



CERENA was one of the Portuguese R&D center that won the Gulbenkian program "Concurso Gulbenkian 2016: Investigação científica e tecnológica -Estímulo à Investigação" in the area "Chemistry and Art". The main researcher is Amélia Dionísio and the MSC student in Conservation and Restoration is Vera Gomes (FCT-UNOVA). The R&D project is entitled: " Aliança entre a Ciência e o Património Cultural Construído em pedra: Otimização de tecnologias de limpeza de graffiti"

## Paper Published

### Scale-up effects of CO2 capture by methyldiethanolamine (MDEA) solutions in terms of loading capacity

"Scale-up effects of CO2 capture by methyldiethanolamine (MDEA) solutions in terms of loading capacity", Technologies, 4, 19 (2016), DOI: 10.3390/technologies4030019 ; by Samuel Santos, João Gomes, João Bordado

### The Long Term Preservation of Late Jurassic Sandstone Dinosaur Footprints in a Museum Environment

A new paper was published in the International Journal of Conservation Science entitled , "The Long Term Preservation of Late Jurassic Sandstone Dinosaur Footprints in a Museum Environment", Volume 7, Issue, 3, pp.627-646, whose authors are A.S. Leal, A. Dionísio, M.A. Sequeira Braga, O. Mateus